

0272wo310_v2_ST25.txt
SEQUENCE LISTING

<110> Bayer HealthCare LLC
Haaning, Jesper Mortensen
Andersen, Kim Vilbour
Ropke, Mads
Glazer, Steven

<120> FVII or FVIIa Variants

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<150> US 60/456,547
<151> 2003-03-20

<150> US 60/479,708
<151> 2003-06-19

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<170> PatentIn version 3.5

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Ala
1
aat gcc ttt ctg gaa gag ctc cgc cct ggc tcc ctg gaa cgc gaa tgc 165
Asn Ala Phe Leu Glu Glu Leu Arg Pro Gly Ser Leu Glu Arg Glu Cys
5 10 15
aaa gag gaa cag tgc agc ttt gag gaa gcc cgg gag att ttc aaa gac 213
Lys Glu Glu Gln Cys Ser Phe Glu Ala Arg Glu Ile Phe Lys Asp
20 25 30
gct gag cgg acc aaa ctg ttt tgg att agc tat agc gat ggc gat cag 261
Ala Glu Arg Thr Lys Leu Phe Trp Ile Ser Tyr Asp Gly Asp Gln
35 40 45
tgc gcc tcc agc cct tgc cag aac ggg ggc tcc tgc aaa gac cag ctg 309
Cys Ala Ser Ser Pro Cys Gln Asn Gly Gly Ser Cys Lys Asp Gln Leu
50 55 60 65
cag agc tat atc tgc ttc tgc ctg cct gcc ttt gag ggg cgc aat tgc 357
Gln Ser Tyr Ile Cys Phe Cys Leu Pro Ala Phe Glu Gly Arg Asn Cys
70 75 80
gaa acc cat aag gat gac cag ctg att tgc gtc aac gaa aac ggg ggc 405
Glu Thr His Lys Asp Asp Gln Leu Ile Cys Val Asn Glu Asn Gly Gly
85 90 95

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tgc ggc ggg acc ctc atc aat acc att tgg gtc gtg tcc gcc gct cac Cys Gly 180 Thr Leu Ile Asn Thr 185 Ile Trp Val Val 190 Ser Ala Ala His	693
tgc ttc gat aag att aag aat tgg cgg aac ctc atc gct gtg ctc ggc Cys Phe 195 Asp Lys Ile Lys Asn 200 Trp Arg Asn Leu Ile 205 Ala Val Leu Gly	741
gaa cac gat ctg tcc gag cat gac ggg gac gaa cag tcc cgc cgg gtg Glu His 210 Asp Leu Ser Glu 215 His Asp Gly Asp Glu Gln Ser Arg Arg Val 225	789
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gat atc gct ctg ctc cgc ctc cac cag ccc gtc gtg ctc acc gat cac Asp Ile 245 Ala Leu Arg Leu His 250 Gln Pro Val Val Thr 255 Asp His	885
gtc gtg cct ctg tgc ctg cct gag cgg acc ttt agc gaa cgc acg ctg Val Val 260 Pro Leu Cys Leu Pro Glu 265 Arg Thr Phe Ser Glu 270 Arg Thr Leu	933
gct ttc gtc cgc ttt agc ctc gtg tcc ggc tgg ggc cag ctg ctc gac Ala Phe 275 Val Arg Phe Ser Leu 280 Val Ser Gly Trp Gly 285 Gln Leu Leu Asp	981
cgg ggc gct acc gct ctc gag ctg atg gtg ctc aac gtc ccc cgg ctg Arg Gly 290 Ala Thr Leu 295 Glu Leu Met Val 300 Asn Val Pro Arg Leu 305	1029
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gat agc tgc aag ggg gac tcc ggc ggg ccc cat gcc acg cac tat cgc Asp Ser 340 Cys Lys Gly Asp Ser 345 Gly Pro His Ala Thr 350 His Tyr Arg	1173

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355 360 365

acg gtg ggg cac ttt ggc gtc tac acg cgc gtc agc cag tac att gag 1269
Thr Val Gly His Phe Gly Val Tyr Thr Arg Val Ser Gln Tyr Ile Glu
370 375 380 385

tgg ctg cag aag ctc atg cgg agc gaa ccc cgg ccc ggg gtg ctc ctg 1317
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35 40 45

Gln Cys Ala Ser Ser Pro Cys Gln Asn Gly Gly Ser Cys Lys Asp Gln
50 55 60

Leu Gln Ser Tyr Ile Cys Phe Cys Leu Pro Ala Phe Glu Gly Arg Asn
65 70 75 80

Cys Glu Thr His Lys Asp Asp Gln Leu Ile Cys Val Asn Glu Asn Gly
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Gly Cys Glu Gln Tyr Cys Ser Asp His Thr Gly Thr Lys Arg Ser Cys
100 105 110

Arg Cys His Glu Gly Tyr Ser Leu Leu Ala Asp Gly Val Ser Cys Thr
115 120 125

Pro Thr Val Glu Tyr Pro Cys Gly Lys Ile Pro Ile Leu Glu Lys Arg
130 135 140

Asn Ala Ser Lys Pro Gln Gly Arg Ile Val Gly Gly Lys Val Cys Pro
145 150 155 160

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Lys Gly Glu Cys Pro Trp Gln Val Leu Leu Leu Val Asn Gly Ala Gln
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 Val Ala Gln Val Ile Ile Pro Ser Thr Tyr Val Pro Gly Thr Thr Asn
 225 230 235 240
 His Asp Ile Ala Leu Leu Arg Leu His Gln Pro Val Val Leu Thr Asp
 245 250 255
 His Val Val Pro Leu Cys Leu Pro Glu Arg Thr Phe Ser Glu Arg Thr
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 325 330 335
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 Arg Gly Thr Trp Tyr Leu Thr Gly Ile Val Ser Trp Gly Gln Gly Cys
 355 360 365
 Ala Thr Val Gly His Phe Gly Val Tyr Thr Arg Val Ser Gln Tyr Ile
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